CERCLA OFFSITE DISPOSAL REPORT
CADIE AUTO SALVAGE SITE
EMERGENCY AND RAPID RESPONSE SERVICES
REGION 5

Prepared for:

U.S. Environmental Protection Agency Region 5
77 W. Jackson Boulevard
Chicago, IL 60604

EPA Contract No. EP-S5-08-02
Task Order No. 0067

Prepared by:

Environmental Quality Management, Inc.
1800 Carillon Boulevard
Cincinnati, OH 45240

December 27, 2011

TABLE OF CONTENTS

1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Section F.2.2.C of EQ's Emergency and Rapid Response Services Contract No. EP-S5-08-02. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:	Cadie Auto Salvage Site
State:	Illinois
CERCLIS Number:	ILR000164475

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of eleven (11) waste streams were identified as follows for the Cadie Auto Salvage site:

Waste Stream No.		Type/Form
1.	Flammable Liquids	Solvents/Liquid Waste
2.	RCRA Empty Containers	Non-Hazardous/Contaminated Soil and Debris
3.	Soil	Non-Hazardous/Contaminated Soil and Debris
4.	Virgin Products and Soil	Non-Hazardous/Contaminated Soil and Debris
5.	Lithium Hydride	Other RCRA-listed Hazardous Wastes/ Solid or Solidified Waste
6.	Ceric Sulfate	Non-Hazardous/Solid or Solidified Waste
7.	Sodium Hydroxide	Non-Hazardous/Solid or Solidified Waste
8.	Paint	Solvents/Liquid Waste
9.	Potassium Permanganate	Other RCRA-listed Hazardous Wastes/ Solid or Solidified Waste
10.	Aerosols	Solvents/Liquid Waste
11.	Cylinders	Solvents/Liquid Waste

Flammable Liquids

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	___ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

- X Solvents
- ___ Dioxins/Furans
- ___ Cyanide
- ___ Heavy Metals (Specify) _____
- ___ Acids
- ___ PCBs
- ___ Halogenated Organics
- ___ Other RCRA-listed Hazardous Wastes (Specify) _____
- ___ Non-hazardous or de-listed Wastes

Form:

- ___ Wastewater
- X Liquid Waste
- ___ Organic Sludge (greater than 1% Total Solids)
- ___ Inorganic Sludge (less than 1% Total Organic Carbon)
- ___ Solid or Solidified Waste
- ___ Contaminated Soil and Debris

4. Quantity of Waste: 733

___ Cubic Yards(CY)	___ Lab Packs
X Gallons (Gal)	___ Tons/Lbs
____Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Flash Point <140°F

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

PetroChem Processing Group
Detroit, Michigan
MID980615298

8. Receiving Region: 5

9. Receiving Region Offsite Contact (RROC):
Name: Will Damico Date: 11-23-10

10. Date of Shipment 11-29-10 Date of Disposal: 12-3-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
X Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $ 1,252.05
- Cost for transportation: $1,500.00

RCRA Empty Containers

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	____ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
___ Other RCRA-listed Hazardous Wastes (Specify)
_____
X Non-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
___ Solid or Solidified Waste
X Contaminated Soil and Debris

4. Quantity of Waste: 2.16

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	X Tons
____Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   RCRA Empty Containers 100%

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):
   Lee County Landfill

Dixon, Illinois
Not Applicable

8. Receiving Region: 5

9. Receiving Region Offsite Contact (RROC):
Name: Will Damico Date: 11-23-10

10. Date of Shipment 12-1-10 Date of Disposal: 12-1-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
X Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? 22-23N 25-26E 6&8

- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HPDE Liner

14. Cost of Activities:
- Cost based on treatment/disposal only: $92.88
- Cost for transportation: $750.32

Soil

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	___ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
___ Other RCRA-listed Hazardous Wastes (Specify)
_____
X Non-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
___ Solid or Solidified Waste
X Contaminated Soil and Debris

4. Quantity of Waste: 15

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	X Tons
____Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Petroleum 1-5%

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

Lee County Landfill
Dixon, Illinois
Not Applicable

8. Receiving Region: 5

9. Receiving Region Offsite Contact (RROC):
Name: Will Damico Date: 11-23-10

10. Date of Shipment 12-1-10 Date of Disposal: 12-1-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
X Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? 22-23N 25-26E 6 & 8

- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HPDE Liner

14. Cost of Activities:
- Cost based on treatment/disposal only: $644.57
- Cost for transportation: $750.32

Virgin Products and Soil

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	____ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
___ Other RCRA-listed Hazardous Wastes (Specify)
_____
X Non-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
___ Solid or Solidified Waste
X Contaminated Soil and Debris

4. Quantity of Waste: 6.7

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	X Tons
____Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Non-Hazardous Virgin Products 20%
   _____
   _____

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):
   Lee County Landfill

Dixon, Illinois
Not Applicable

8. Receiving Region: 5

9. Receiving Region Offsite Contact (RROC):
Name: Will Damico Date: 11-23-10

10. Date of Shipment 12-1-10 Date of Disposal: 12-1-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
X Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? 22-23N 25-26E 6 & 8

- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HPDE Liner

14. Cost of Activities:
- Cost based on treatment/disposal only: $288.96
- Cost for transportation: $750.32

Lithium Hydride

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	____ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
X Other RCRA-listed Hazardous Wastes (Specify)
Reactive
__ Non-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
X Solid or Solidified Waste
___ Contaminated Soil and Debris

4. Quantity of Waste: 1

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	___ Tons/Lbs
X Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Lithium Hydride 100%

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 1-5-11

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
X Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $125.00
- Cost for transportation: $112.50

Ceric Sulfate

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	____ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
___ Other RCRA-listed Hazardous Wastes (Specify)
_____
XNon-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
X Solid or Solidified Waste
___ Contaminated Soil and Debris

4. Quantity of Waste: 1

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	___ Tons/Lbs
X Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Ceric Sulfate 100%

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 1-5-11

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
___ None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
X Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $275.00
- Cost for transportation: $112.50

Sodium Hydroxide

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	____ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

___ Solvents
___ Dioxins/Furans
___ Cyanide
___ Heavy Metals (Specify)
_____
___ Acids
___ PCBs
___ Halogenated Organics
___ Other RCRA-listed Hazardous Wastes (Specify)
_____
X Non-hazardous or de-listed Wastes

Form:

___ Wastewater
___ Liquid Waste
___ Organic Sludge (greater than 1% Total Solids)
___ Inorganic Sludge (less than 1% Total Organic Carbon)
X Solid or Solidified Waste
___ Contaminated Soil and Debris

4. Quantity of Waste: 1

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	___ Tons/Lbs
X Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   pH >12.5

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 12-14-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
X Stabilization
___ Neutralization
___ Fixation
___ Other
___ None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
X Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Subtitle D

- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HDPE liner

14. Cost of Activities:
- Cost based on treatment/disposal only: $120.00
- Cost for transportation: $112.50

Paint

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	___ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

- X Solvents
- ___ Dioxins/Furans
- ___ Cyanide
- ___ Heavy Metals (Specify) _____
- ___ Acids
- ___ PCBs
- ___ Halogenated Organics
- ___ Other RCRA-listed Hazardous Wastes (Specify) _____
- __ Non-hazardous or de-listed Wastes

Form:

- ___ Wastewater
- X Liquid Waste
- ___ Organic Sludge (greater than 1% Total Solids)
- ___ Inorganic Sludge (less than 1% Total Organic Carbon)
- ___ Solid or Solidified Waste
- ___ Contaminated Soil and Debris

4. Quantity of Waste: 1

___ Cubic Yards(CY)	___ Lab Packs
___ Gallons (Gal)	___ Tons/Lbs
X Drums	

5. Range, average, and/or representative concentration of the contaminants of concern
   Flash Point <140°F

6. Pre-treatment of waste before transportation:

___ Precipitation	___ Neutralization
___ Solidification	___ Fixation
___ Stabilization	___ Other
	X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 12-21-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
X Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $275.00
- Cost for transportation: $112.50

Potassium Permanganate

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action

X Removal	___ Remedial
X Fund Financed	___ Fund Financed
___ PRP Financed	___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:
- ___ Solvents
- ___ Dioxins/Furans
- ___ Cyanide
- ___ Heavy Metals (Specify) _____
- ___ Acids
- ___ PCBs
- ___ Halogenated Organics
- X Other RCRA-listed Hazardous Wastes (Specify) Oxidizer
- ___ Non-hazardous or de-listed Wastes

Form:
- ___ Wastewater
- ___ Liquid Waste
- ___ Organic Sludge (greater than 1% Total Solids)
- ___ Inorganic Sludge (less than 1% Total Organic Carbon)
- X Solid or Solidified Waste
- ___ Contaminated Soil and Debris

4. Quantity of Waste: 1
   - ___ Cubic Yards(CY)
   - ___ Gallons (Gal)
   - X Drums
   - ___ Lab Packs
   - ___ Tons/Lbs

5. Range, average, and/or representative concentration of the contaminants of concern
   Potassium Permaganate 100%

6. Pre-treatment of waste before transportation:
   - ___ Precipitation
   - ___ Solidification
   - ___ Stabilization
   - ___ Neutralization
   - ___ Fixation
   - ___ Other
   - X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):
   SET Environmental Inc.

Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 1-5-11

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
X Incineration
___ Land Treatment
___ Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $450.00
- Cost for transportation: $112.50

Aersols

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action
   - X Removal
     - X Fund Financed
     - ___ PRP Financed
   - ___ Remedial
     - ___ Fund Financed
     - ___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

   Type:
   - X Solvents
   - ___ Dioxins/Furans
   - ___ Cyanide
   - ___ Heavy Metals (Specify) _____
   - ___ Acids
   - ___ PCBs
   - ___ Halogenated Organics
   - ___ Other RCRA-listed Hazardous Wastes (Specify) _____
   - ___ Non-hazardous or de-listed Wastes

   Form:
   - ___ Wastewater
   - X Liquid Waste
   - ___ Organic Sludge (greater than 1% Total Solids)
   - ___ Inorganic Sludge (less than 1% Total Organic Carbon)
   - ___ Solid or Solidified Waste
   - ___ Contaminated Soil and Debris

4. Quantity of Waste: 1
   - ___ Cubic Yards(CY)
   - ___ Gallons (Gal)
   - X Drums
   - ___ Lab Packs
   - ___ Tons/Lbs

5. Range, average, and/or representative concentration of the contaminants of concern
   Flash Point <140°F

6. Pre-treatment of waste before transportation:
   - ___ Precipitation
   - ___ Solidification
   - ___ Stabilization
   - ___ Neutralization
   - ___ Fixation
   - ___ Other
   - X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10 Date of Disposal: 12-21-10

11. Pre-treatment of waste at site before final treatment or disposal:
___ Precipitation
___ Solidification
___ Stabilization
___ Neutralization
___ Fixation
___ Other
X None

12. Final method of treatment or disposal/unit receiving:
___ Precipitation
___ Incineration
___ Land Treatment
X Recovery/Re-Use
___ Neutralization
___ Landfill
___ Injection
___ Other

13. If waste was landfilled:
- what disposal cell number or location? Not Applicable

- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
- Cost based on treatment/disposal only: $290.00
- Cost for transportation: $112.50

Cylinders

1. Superfund Site Name: Cadie Auto Salvage
   CERCLIS # ILR000164475 State: Illinois

2. Type of Action
   - X Removal
     - X Fund Financed
     - ___ PRP Financed
   - ____ Remedial
     - ___ Fund Financed
     - ___ PRP Financed

3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

   Type:
   - X Solvents
   - ___ Dioxins/Furans
   - ___ Cyanide
   - ___ Heavy Metals (Specify) _____
   - ___ Acids
   - ___ PCBs
   - ___ Halogenated Organics
   - ___ Other RCRA-listed Hazardous Wastes (Specify) _____
   - ___ Non-hazardous or de-listed Wastes

   Form:
   - ___ Wastewater
   - X Liquid Waste
   - ___ Organic Sludge (greater than 1% Total Solids)
   - ___ Inorganic Sludge (less than 1% Total Organic Carbon)
   - ___ Solid or Solidified Waste
   - ___ Contaminated Soil and Debris

4. Quantity of Waste: 245 Cylinders
   - ___ Cubic Yards(CY)
   - ___ Gallons (Gal)
   - ____Drums
   - ___ Lab Packs
   - ___ Tons/Lbs

5. Range, average, and/or representative concentration of the contaminants of concern
   Flash Point <140°F

6. Pre-treatment of waste before transportation:
   - ___ Precipitation
   - ___ Solidification
   - ___ Stabilization
   - ___ Neutralization
   - ___ Fixation
   - ___ Other
   - X None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

SET Environmental Inc.
Houston, Texas
TXD055135388

8. Receiving Region: 6

9. Receiving Region Offsite Contact (RROC):
   Name: Ron Shannon Date: 11-16-10

10. Date of Shipment 11-30-10
    Date of Disposal: See attached sheets

11. Pre-treatment of waste at site before final treatment or disposal:
    ___ Precipitation
    ___ Solidification
    ___ Stabilization
    ___ Neutralization
    ___ Fixation
    ___ Other
    X None

12. Final method of treatment or disposal/unit receiving:
    ___ Precipitation
    X Incineration
    ___ Land Treatment
    ___ Recovery/Re-Use
    ___ Neutralization
    ___ Landfill
    ___ Injection
    ___ Other

13. If waste was landfilled:
    - what disposal cell number or location? Not Applicable

    - Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable

14. Cost of Activities:
    - Cost based on treatment/disposal only: $190,700.61
    - Cost for transportation: $3,750.00

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
844866	005903632JJK	102910CA04		H040	1.0	3/31/2011
844867	005903632JJK	102710CA11		H040	5.0	3/31/2011
844868	005903632JJK	102710CA12		H040	1.0	3/31/2011
844869	005903632JJK	102710CA14		H040	1.0	3/31/2011
844870	005903632JJK	102710CA20		H040	1.0	3/31/2011
844871	005903632JJK	102910CA11		H040	1.0	3/31/2011
844872	005903632JJK	102910CA03		H040	3.0	3/31/2011
844873	005903632JJK	102710CA07		H040	2.0	3/31/2011
844874	005903632JJK	102710CA15		H040	2.0	3/31/2011
844875	005903632JJK	102710CA17		H040	2.0	3/31/2011
844876	005903632JJK	102910CA07		H040	2.0	3/31/2011
844877	005903632JJK	102910CA01		H040	6.0	3/31/2011
844878	005903632JJK	102910CA05		H040	6.0	3/31/2011
844879	005903632JJK	102710CA08		H040	3.0	3/31/2011
844880	005903632JJK	102710CA24		H040	3.0	3/31/2011
844881	005903632JJK	102810CA08		H040	3.0	3/31/2011
844882	005903632JJK	102710CA05		H040	3.0	3/31/2011
844883	005903632JJK	110110CA05		H040	3.0	3/31/2011
844884	005903632JJK	102710CA13		H040	4.0	3/31/2011
844885	005903632JJK	102810CA31		H040	2.0	3/31/2011
844886	005903632JJK	110110CA11		H040	3.0	3/31/2011
844887	005903632JJK	102910CA09		H040	2.0	3/31/2011
844888	005903632JJK	102710CA10		H040	17.0	3/31/2011
844889	005903632JJK	110110CA57		H040	150.0	3/31/2011
844890	005903632JJK	110110CA59		H040	150.0	3/31/2011
844891	005903632JJK	102710CA26		H040	2.0	3/31/2011
844892	005903632JJK	102710CA28		H040	1.0	3/31/2011
844893	005903632JJK	102710CA30		H040	2.0	3/31/2011
844894	005903632JJK	102810CA60		H040	32.0	3/31/2011
844895	005903632JJK	102810CA01		H040	3.0	3/31/2011
844896	005903632JJK	102810CA39		H040	3.0	3/31/2011
844897	005903632JJK	110110CA01		H040	4.0	3/31/2011
844898	005903632JJK	110110CA12		H039	2.0	9/13/2011
844899	005903633JJK	102710CA01		H040	4.0	7/13/2011
844900	005903633JJK	102810CA35	Isoprene, drilled by DF, FTIR analysis 10/19/11 - SW	H061	5.0	10/19/2011
844901	005903633JJK	102910CA17	Methyl Chloride, FTIR analysis 8/10/11 - SW	H040	6.0	8/12/2011
844902	005903633JJK	110110CA20		H040	2.0	8/16/2011
844903	005903633JJK	102910CA28	Molybdenum Hexafluoride , ID by NIST Peak Data (741 cm-1), dark blue/ violet residual left on fittings after sampling, cyl @ 2" Hg psig @ 30C, pH=0, FTIR analysis 8/22/11 - SW	H111	14.0	9/26/2011
844904	005903633JJK	102810CA36		H040	4.0	3/31/2011
844905	005903633JJK	102810CA40		H040	3.0	3/31/2011
844906	005903633JJK	110110CA49	Hydrogen Fluoride peaks detected by FTIR scan, 10/19/11 - SW	H111	18.0	10/20/2011
844907	005903633JJK	102910CA41	Methanethiol, FTIR analysis 7/27/11 - SW	H040	3.0	9/20/2011
844908	005903633JJK	102710CA19		H040	3.0	3/31/2011
844909	005903633JJK	110110CA03	Bad Valve - Cylinder is plugged. No valve present. 8/17/11 - SW Acetone, drilled by DF, FTIR/ATR analysis of vapor and liquid contents, 10/20/11 - SW	H061	13.0	10/20/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
844910	005903633JJK	102810CA45		H040	2.0	8/16/2011
844911	005903633JJK	102810CA57		H121		10/11/2011
844912	005903633JJK	102810CA59	Trifluorosilane/ trichlorosilane mix, FTIR analysis 8/3/11 - SW	H040	6.0	10/11/2011
844913	005903633JJK	102810CA21		H121	4.0	7/21/2011
844914	005903633JJK	102810CA22		H121	4.0	7/21/2011
844915	005903633JJK	102810CA23		H121	4.0	7/21/2011
844916	005903633JJK	102810CA24		H121		7/21/2011
844917	005903633JJK	110110CA28		H121	4.0	7/21/2011
844918	005903633JJK	110110CA31		H121	4.0	7/21/2011
844919	005903633JJK	110110CA37		H121	3.0	7/21/2011
844920	005903633JJK	110110CA33		H111	4.0	10/21/2011
844921	005903633JJK	102710CA22		H121	3.0	7/21/2011
844922	005903633JJK	102710CA31		H121	4.0	7/21/2011
844923	005903633JJK	102810CA27		H121	4.0	7/21/2011
844924	005903633JJK	110110CA79		H121	4.0	21-Jul
844925	005903633JJK	110110CA76		H111	5.0	9/28/2011
844926	005903633JJK	102710CA18	Boron Trichloride, drilled by DF, FTIR analysis 10/20/11 - SW	H111	4.0	10/20/2011
844927	005903633JJK	102710CA44	Suspected Molbdenum Hexafluoride, Silicon Tetrafluoride/ HF peaks detected, No strong MoF6 (as profiled) peaks detected in the 741Cm-1 area as predicted by NIST data.Slight fuming on disconnnect. Blue residual left on valve surface, FTIR analysis 7/26/11 - SW	H121	2.0	9/27/2011
844928	005903633JJK	102810CA30		H121	1.0	9/27/2011
844929	005903633JJK	102710CA02		H121	3.0	2/9/2011
844930	005903633JJK	102710CA29	Boron Trifluoride , drilled by DF, 10/20/11 - SW	H111	3.0	10/20/2011
844931	005903633JJK	102710CA35	Bad Valve - Frozen Valve 8/9/11 - SW	H111	3.0	10/18/2011
844932	005903633JJK	102810CA50	Ammonia, FTIR analysis 8/2/11 - SW	H121	3.0	8/29/2011
844933	005903633JJK	102910CA02	Bad Valve - Frozen Plug 8/9/11 - SW	H121		11/3/2011
844934	005903633JJK	102710CA09		H121	5.0	2/9/2011
844935	005903633JJK	102710CA23	Empty, No liquid or pressure, cyl under vaccum, FTIR analysis 7/27/11 - SW	H039	5.0	7/27/2011
844936	005903633JJK	102810CA37		H121	5.0	2/9/2011
844937	005903633JJK	102710CA04		H121		10/18/2011
844938	005903633JJK	102710CA32	Boron Trichloride, FTIR analysis 8/8/11 - SW	H121	3.0	9/27/2011
844939	005903633JJK	102810CA16	Boron trichloride, FTIR analysis 8/2/11 - SW	H121	3.0	9/27/2011
844940	005903633JJK	102710CA50	Chloropentafluoroethane (R-115), FTIR analysis 7/26/11 - SW	H040	1.0	7/26/2011
844941	005903633JJK	102910CA16	Chloropicrin, methyl bromide mix (with CO2, CO, NO and H20 contaminates or decomposition products), FTIR analysis 7/27/11 - SW	H040	3.0	8/17/2011
844942	005903633JJK	102910CA21	Chloropicrin/Methyl Bromide mix , FTIR analysis 8/2/11 - SW	H040	4.0	8/17/2011
844943	005903633JJK	102910CA31	Isopropyl sulfide (VP 18.6 mmHg @ 25C), FTIR analysis 8/17/11 - SW	H040	10.0	8/26/2011
844944	005903633JJK	102910CA27	Empty, No liquid or pressure, valve open to atm, FTIR analysis 7/26/11 - SW	H039	2.0	7/26/2011
844945	005903633JJK	110110CA24	Empty, no pressure or liquid, valve open to atm, 8/2/11 - SW	H039	4.0	8/2/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
844946	005903633JJK	110110CA27	Empty, no pressure or liquid, valve open to atm, 8/2/11 - SW	H039	4.0	8/2/2011
844947	005903633JJK	110110CA68	Bad valve - Frozen Stem 8/2/11 - SW	H141	0.0	10/18/2011
844948	005903633JJK	102910CA33	Unable to detect contents with FTIR, B 580 CGA CG 4, 800 psig, FTIR analysis 8/17/11 - SW	H111	11.0	9/26/2011
844949	005903633JJK	102710CA06	Empty, no liquid or pressure, 8/8/11 - SW	H039	4.0	8/16/2011
844950	005903633JJK	102910CA12	Trifluoroacetyl fluoride, FTIR analysis 8/8/11 - SW	H040	3.0	9/13/2011
844951	005903633JJK	102810CA26		H111	4.0	9/26/2011
844952	005903633JJK	102910CA34	Chlorotrifluoromethane (R-13), FTIR analysis 8/18/11 - SW	H040	24.0	9/8/2011
844953	005903633JJK	102810CA32	Hexafluoroacetone, confirmed by FTIR analysis 8/3/11 - SW	H040	2.0	8/12/2011
844954	005903633JJK	102810CA51	Hexafluoroacetone, Confirmed by FTIR analysis 8/3/11 - SW	H040	2.0	8/16/2011
844955	005903633JJK	102910CA24		H039	23.0	12/27/2010
844956	005903633JJK	102710CA36		H121		1/27/2011
844957	005903633JJK	110110CA02		H121		1/27/2011
844958	005903633JJK	110110CA10		H071	3.0	1/27/2011
844959	005903633JJK	102710CA59	Bad Valve, Damaged CGA threads, 8/11/11 - SW	H039		10/18/2011
844960	005903633JJK	102810CA05	Bad valve - Frozen Stem, 8/2/11 - SW	H121		10/18/2011
844961	005903633JJK	110110CA66		H121	2.0	5/25/2011
844962	005903633JJK	110110CA71		H111	3.0	9/28/2011
844963	005903633JJK	110110CA75		H121	3.0	6/22/2011
844964	005903633JJK	110110CA77		H121	3.0	6/22/2011
844965	005903633JJK	110110CA44		H121	4.0	9/27/2011
844966	005903633JJK	102910CA18	Chloromethane / Acetone mix (Parathion not detected), FTIR analysis 7/27/11 - SW	H061	3.0	9/13/2011
844967	005903633JJK	110110CA13	SUSPECT Organometallic, Ethane / ethylene detected, liquid, cyl fumes when exposed to air, slight metallic odor, white residuals deposited on fittings (Basic pH), FTIR analysis 8/3/11 - SW	H040	3.0	9/20/2011
844968	005903633JJK	102710CA33		H141	3.0	11/9/2011
844969	005903633JJK	102810CA15	Empty, no liquid or pressure, Bronze CGA660 CG-2, N2 added to get sample, FTIR analysis 8/8/11- SW	H039	3.0	8/11/2011
844970	005903633JJK	102810CA28	Phosphorus pentafluoride, FTIR analysis 8/2/11 - SW	H121	3.0	9/27/2011
844971	005903633JJK	110110CA38	Bad Valve - Blocked Port Ethane detected, drilled by DF, reports liquid in cylinder, that plus relatively low abs indicates an possible organometallic material (ie. triethyl aluminum), ATR scans of solids created were of little help.FTIR analysis 10/19/11 - SW	H141	3.0	10/19/2011
844972	005903633JJK	102810CA52	Methyl Disulfide(residual low abs peaks), FTIR analysis 7/27/11 - SW	H040	4.0	8/26/2011
844973	005903633JJK	110110CA78	Bad Valve - Excessive Corrosion 08/16/11 - SW	H141	0.0	10/19/2011
844974	005903633JJK	102710CA21	Sent to Bijan for analysis WO:67387 BOL:081511-8/15/11- SW	H141	3.0	11/10/2011
844975	005903633JJK	102810CA17	Bad Valve - Blocked Port, 8/16/11 - SW	H141	5.0	10/18/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
844976	005903633JJK	102910CA13	Empty, trace Dichlorodifluoromethane (R-12) detected, (insecticides not detected by FTIR although cylinder type is commonly used for Pyrethrin/ R12 mixes), FTIR analysis 7/26/11 - SW	H040	1.0	7/26/2011
844977	005903633JJK	102910CA45		H040	1.0	12/7/2011
844978	005903633JJK	102910CA20	Bad Valve - Blocked Port Chloromethane, drilled by DF, FTIR analysis 10/20/11 - SW	H061	7.0	10/20/2011
844979	005903633JJK	110110CA34		H121	4.0	6/22/2011
844980	005903633JJK	110110CA36		H121	4.0	6/22/2011
844981	005903633JJK	110110CA39		H121	4.0	6/22/2011
844982	005903633JJK	102710CA03		H040	4.0	8/16/2011
844983	005903633JJK	110110CA14		H039	18.0	4/26/2011
844984	005903633JJK	110110CA55		H039	80.0	5/20/2011
844985	005903633JJK	102910CA30	Boron Trichloride, approx 20psig @ 35 C, white wisps during purge, ASB CGA660 CG 2 or 3, FTIR analysis 8/17/11 - SW	H111	15.0	9/26/2011
844986	005903633JJK	102710CA38	1,3-Butadiene, FTIR analysis 7/27/11 - SW	H061	3.0	9/12/2011
844987	005903633JJK	110110CA52		H121	122.0	5/25/2011
844988	005903633JJK	110110CA54		H121	122.0	5/25/2011
844989	005903633JJK	110110CA58		H039	122.0	8/11/2011
844990	005903633JJK	110110CA60		H039	122.0	7/14/2011
844991	005903633JJK	110110CA61	Chlorine, yellow green color VP over 120 psig @ 35C, +OX, ASB 660 CG-2 or 3, FTIR analysis 8/22/11- SW	H111	122.0	9/27/2011
844992	005903633JJK	110110CA62		H071	123.0	3/24/2011
844993	005903633JJK	102710CA27	1-Pentyne, FTIR analysis 8/8/11 - SW	H061	3.0	8/12/2011
844994	005903633JJK	102810CA14	Bad Valve, Chlorine, +OX, pH=0, Cl2 odor, 8/11/11 - SW	H111	3.0	9/26/2011
844995	005903633JJK	110110CA08		H111	3.0	10/12/2011
844996	005903633JJK	110110CA67		H121	3.0	6/8/2011
844997	005903633JJK	110110CA69		H121	3.0	6/22/2011
844998	005903633JJK	110110CA70		H121	3.0	6/22/2011
844999	005903633JJK	110110CA73		H121	3.0	6/22/2011
845000	005903633JJK	110110CA74		H111	3.0	9/26/2011
845001	005903633JJK	110110CA51		H111	17.0	7/15/2011
845002	005903633JJK	102910CA29		H111	14.0	7/15/2011
845003	005903633JJK	110110CA04		H111	5.0	11/3/2011
845004	005903633JJK	110110CA22	3,3,3-Trifluoro-1-propyne, FTIR analysis 8/8/11 - SW	H040	4.0	8/16/2011
845005	005903633JJK	102810CA41	Bad Valve - blocked valve ports, 8/11/11 - SW Silicon Tetrachloride, drilled by DF, FTIR analysis 10/18/11 - SW	H111	8.0	10/18/2011
845006	005903633JJK	102910CA26	Tetrafluoroethylene; CFC-1114, FTIR analysis 8/18/11 - SW	H061	9.0	9/1/2011
845007	005903633JJK	102810CA38	Tetrafluoroethylene; CFC-1114, FTIR analysis 8/16/11 - SW	H061	4.0	8/17/2011
845008	005903633JJK	102810CA42	Empty, no pressure, liquid pH=6 rusty color, very small methane signature, valve on one end was open to to atm, FTIR analysis 7/28/11 - SW	H039	4.0	8/1/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
845009	005903633JJK	110110CA40	Bad Valve Hydrogen Selenide, FTIR analysis 7/27/11 - SW	H040	3.0	8/26/2011
845010	005903633JJK	102910CA36	Bad Valve - Frozen Dust Plug, 8/9/11 - SW Chlorine Trifluoride, drilled by DF, FTIR analysis 11/02/11 - SW	H111	3.0	11/3/2011
845011	005903633JJK	102710CA51	Bad Valve - Blocked Port, 8/16/11 - SW	H141	4.0	10/18/2011
845012	005903633JJK	102710CA42	Perchloryl fluoride, FTIR analysis 8/11/11 - SW	H111	4.0	10/19/2011
845013	005903633JJK	102710CA46	Dichlorodifluoromethane; CFC-12, FTIR analysis 7/26/11 - SW	H040	3.0	7/27/2011
845014	005903633JJK	102710CA48	Empty, no liquid or pressure, last contained R12, FTIR analysis 7/26/11 - SW	H039	3.0	7/27/2011
845015	005903633JJK	102710CA52	Chloropicrin; Nitrotrichloromethane, FTIR analysis 8/3/11 - SW	H040	3.0	8/17/2011
845016	005903633JJK	102710CA54	Chloropicrin, FTIR analysis 7/27/11 - SW	H040	3.0	8/17/2011
845017	005903633JJK	102710CA55	Dichlorodifluoromethane; CFC-12, FTIR analysis 8/2/11 - SW	H040	3.0	8/2/2011
845018	005903633JJK	102710CA56	Chloropicrin, FTIR analysis 8/2/11 - SW	H040	3.0	8/17/2011
845019	005903633JJK	102710CA57	Chloropicrin, FTIR analysis 7/27/11 - SW	H040	3.0	8/17/2011
845020	005903633JJK	102710CA58	Empty, no liquid or pressure, last contained R12, FTIR analysis 8/2/11 - SW	H039	3.0	8/1/2011
845021	005903633JJK	102710CA60	Chloropicrin, FTIR analysis 8/4/11 - SW	H040	3.0	8/17/2011
845022	005903633JJK	102710CA61	Empty, no liquid or pressure, last contained R12, FTIR analysis 8/02/11- SW	H039	3.0	8/1/2011
845023	005903633JJK	102810CA02	Dichlorodifluoromethane; CFC-12, FTIR analysis 7/27/11 - SW	H040	3.0	7/27/2011
845024	005903633JJK	102810CA06	Empty, no pressure, water inside cylinder, FTIR analysis 8/3/11 - SW	H039	3.0	8/12/2011
845025	005903633JJK	102810CA11	Bad Valve - Blocked Port 8/2/11 - SW Sulfur Dioxide, drilled by DF, FTIR analysis 10/18/11 - SW	H111	4.0	10/18/2011
845026	005903633JJK	102810CA13	Isobutene/1,3-Butadiene mix, FTIR analysis 8/2/11 - SW	H061	3.0	8/18/2011
845027	005903633JJK	102810CA20	Empty, no liquid or pressure, trace ethane detected, N2 added to get sample, FTIR analysis 8/3/11 - SW	H039	3.0	8/12/2011
845028	005903633JJK	102810CA29	Empty, No liquid or pressure, FTIR analysis 7/26/11 - SW	H039	1.0	7/26/2011
845029	005903633JJK	102810CA33	Sent to Bijan for analysis WO:67387 BOL:081511-8/15/11- SW Chlorine trifluoride, drilled by DF, FTIR analysis 11/1/11 - SW	H111	5.0	11/1/2011
845030	005903633JJK	102810CA49	Empty, no liquid or pressure, FTIR analysis 7/28/11 - SW	H039	4.0	8/1/2011
845031	005903633JJK	102810CA56	Sent to Bijan for analysis WO:67387 BOL:081511-8/15/11- SW 1,2,2,2,Tetrafluoroethanesulfonylfluoride, drilled by DF, FTIR analysis 11/1/11 - SW	H111	3.0	11/1/2011
845032	005903633JJK	102910CA08	Empty, no liquid or pressure, FTIR analysis 8/2/11 - SW	H039	4.0	8/2/2011
845033	005903633JJK	102910CA32	Carbonyl Sulfide, FTIR analysis 8/9/11 - SW	H040	3.0	8/26/2011
845034	005903633JJK	110110CA15		H111	1.0	11/3/2011
845035	005903633JJK	110110CA16	Nitrogen Dioxide, FTIR analysis 11/02/11 - SW	H111	4.0	11/3/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
845036	005903633JJK	110110CA26		H141	8.0	10/18/2011
845037	005903633JJK	110110CA30	Bad Valve - Blocked Port 08/16/11 - SW Trichlorosilane, drilled by DF, FTIR analysis 10/19/11 - SW	H040	5.0	10/19/2011
845038	005903633JJK	110110CA42	1,2-Dichlorodifluoroethylene (R1112), FTIR analysis 8/11/11 - SW	H040	3.0	9/13/2011
845039	005903633JJK	110110CA72		H141	1.0	10/19/2011
845040	005903633JJK	102910CA38	Bad Valve- Blocked port 8/17/11 - SW Hydrogen Sulfide, drilled by DF, FTIR analysis 10/24/11 - SW	H111	20.0	11/11/2011
845041	005903633JJK	110110CA21	Empty, no liquid or pressure, nothing detected on FTIR scan, valves on cylinder not completely seated., FTIR analysis 8/10/11 - SW	H039	20.0	8/11/2011
845042	005903633JJK	110110CA35	Diborane, FTIR analysis 8/18/11 - SW	H040	20.0	8/26/2011
845043	005903633JJK	110110CA41	Carbon Tetrachloride, FTIR analysis 08/17/11 - SW	H061	20.0	8/17/2011
845044	005903633JJK	110110CA50	Bad Valve - Frozen Stem 8/18/11 - SW Dimethyl ether, drilled by DF, FTIR analysis 10/24/11 - SW	H061	21.0	10/24/2011
845045	005903633JJK	102710CA37	Empty, MS indicated atmosphere as contents, sampled by DF, FTIR/MS analysis 10/11/11 - SW	H141	7.0	10/11/2011
845046	005903633JJK	102710CA39		H141	7.0	10/11/2011
845047	005903633JJK	102710CA41		H141	7.0	10/11/2011
845048	005903633JJK	102710CA45		H141	7.0	10/11/2011
845049	005903633JJK	102710CA49	Hydrogen fluoride,, heavy liquid pH=0, thick pH=0 white fumes when purging, KF deposit on cell window, FTIR analysis (confirmed by Bijan) 8/1/11 - SW	H111	4.0	10/20/2011
845050	005903633JJK	102710CA53	Empty, no liquid or pressure, last contained NH3, CGA 110 valve assembly separated from cylinder due to internal corrosion, 8/4/11- SW	H039	4.0	8/1/2011
845051	005903633JJK	102810CA07	Propylene (propene), FTIR analysis 7/28/11 - SW	H061	4.0	8/1/2011
845052	005903633JJK	102810CA09	Propylene (propene) , FTIR analysis 7/27/11 - SW	H061	4.0	7/27/2011
845053	005903633JJK	102810CA46	Empty, trace water in cylinder , no pressure, no contaminates detected, FTIR (ATR) analysis 8/2/11 - SW	H039	5.0	8/2/2011
845054	005903633JJK	102810CA53	Empty, no liquid or pressure, 8/2/11 - SW	H039	4.0	8/1/2011
845055	005903633JJK	102810CA54	Empty , No Pressure, Trace water, trace methane, H2O vapor, & CO2, FTIR analysis 7/28/11 - SW	H039	4.0	8/1/2011
845056	005903633JJK	102810CA55		H141	4.0	8/1/2011
845057	005903633JJK	102810CA58	Empty, trace water, no pressure, FTIR analysis 7/28/11 - SW	H039	4.0	8/1/2011
845058	005903633JJK	102910CA06	Empty, no pressure, cyl contains water (see ATR spectra), FTIR analysis, 8/4/11 - SW	H039	4.0	8/11/2011
845059	005903633JJK	102910CA10	Empty, trace water, no pressure, FTIR analysis 7/28/11 - SW	H039	4.0	8/1/2011
845060	005903633JJK	102910CA23	Dichlorodifluoromethane; CFC-12, FTIR analysis 8/9/11 - SW	H040	8.0	8/16/2011
845061	005903633JJK	110110CA07	Sent to Bijan for analysis WO:67387 BOL:081511- 8/15/11- SW	H141	9.0	11/1/2011
845062	005903633JJK	110110CA17	Methyl chloride, FTIR analysis 8/9/11 - SW	H040	6.0	8/16/2011
845063	005903633JJK	110110CA18	Empty, No liquid or pressure, 7/28/11 - SW	H039	4.0	8/1/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
845064	005903633JJK	110110CA19	Empty, no liquid or pressure, 08/10/11 - SW	H039	12.0	8/11/2011
845065	005903633JJK	110110CA29	Bad Valve - Blocked Port 8/4/11 - SW Empty, drilled by DF, FTIR analysis 10/18/11 - SW Empty, no liquid or pressure,drilled by DF, FTIR analysis 10/18/11 - SW	H039	4.0	10/18/2011
845066	005903633JJK	102710CA25	Benzene, FTIR analysis 7/26/11 - SW	H061	2.0	7/26/2011
845067	005903633JJK	102810CA25	Diborane, FTIR analysis 7/26/11 - SW	H040	1.0	8/26/2011
845068	005903633JJK	102910CA35	2,4,4-Trimethyl-1-pentene, FTIR analysis 8/16/11- SW	H040	5.0	8/16/2011
845069	005903633JJK	110110CA65		H121	50.0	5/24/2011
845070	005903633JJK	102710CA47	Trifluoromethyl hypofluorite, FTIR analysis 8/9/11 - SW	H111	3.0	10/20/2011
845071	005903633JJK	110110CA45		H039	3.0	12/7/2011
845072	005903633JJK	102810CA10	Dimethyl Ether, FTIR analysis 8/2/11 - SW	H040	4.0	8/12/2011
845073	005903633JJK	102810CA18	Bad Valve - CGA 110 Valve stem packing leak, 2/22/11 - SW Drilled by DF, Empty, no liquid or pressure, 40 psig nitrogen pad added to get sample, Trace Trimethylamine detected. FTIR analysis 5/11/11 - SW	H039	3.0	5/11/2011
845074	005903633JJK	102810CA04	Nitrogen Dioxide (Nitrosyl Chloride from NO2 and NaCl cell window reaction), +OX, slight orange-red tint, cyl has liquid @ 5psig & 25C, Sodium Nitrate added to cell window, FTIR analysis 2/22/11 - SW	H071	4.0	5/17/2011
845075	005903633JJK	102910CA22		H121	39.0	5/24/2011
845076	005903633JJK	102910CA42		H039	43.0	5/11/2011
845077	005903633JJK	102710CA43	Fluorine, sampled by DF, FTIR/MS analysis 10/11/11 - SW	H111	7.0	10/11/2011
845078	005903633JJK	102810CA03	Phosgene, drilled by DF, FTIR analysis 10/19/11 - SW	H111	4.0	10/19/2011
845079	005903633JJK	102910CA44	Hydrogen Sulfide, +S2, odor, HCl peaks possible manifold contaminate from 811720, FTIR analysis 2/17/11 - SW	H103	4.0	6/8/2011
845080	005903633JJK	102810CA34		H061	4.0	2/24/2011
845081	005903633JJK	102910CA39		H040	3.0	8/16/2011
845082	005903633JJK	110110CA32	Isobutane, FTIR analysis 8/3/11 - SW	H061	2.0	8/12/2011
845083	005903633JJK	102810CA47	Bad Valve - White crystaline solid blocking port. 7/26/11 - SW Methylsilane, drilled by DF, FTIR analysis 10/19/11 - SW	H061	1.0	10/19/2011
845084	005903633JJK	102810CA48	Bad Valve - Frozen Stem 08/16/11 - SW Methyl Chloride, drilled by DF, FTIR analysis 10/19/11 - SW	H061	7.0	10/19/2011
845085	005903633JJK	102710CA34		H040	1.0	3/31/2011
845086	005903633JJK	110110CA09	Empty, no liquid or pressure, N2 added to get sample, residual check negative, FTIR analysis 8/17/11 - SW	H039	12.0	8/17/2011
845087	005903633JJK	102910CA19	Unable to determine contents 8/16/11 - SW	H121		11/3/2011
845088	005903633JJK	102910CA37	Nitrogen Dioxide (family), sampled by DF, FTIR analysis 11/02/11 - SW	H111	3.0	11/3/2011
845089	005903633JJK	102910CA40		H141	3.0	11/3/2011

Serial #	Manifest	Cylinder #	Receiving Notes	Mgt Cd	lbs	Disposal
845090	005903633JJK	110110CA46	Chloromethane (Methyl chloride), FTIR analysis 2/22/11 - SW	H039	3.0	4/20/2011
845091	005903633JJK	102910CA25	Methyl Chloride, FTIR analysis 8/16/11 - SW	H061	8.0	9/8/2011
845092	005903633JJK	110110CA43	Bad Valve - Frozen Stem - 8/04/11 - SW Methyl Chloride, drilled by Stan, FTIR analysis 9/13/11 - SW	H040	8.0	9/13/2011
845093	005903633JJK	110110CA47		H040	8.0	7/5/2011
845094	005903633JJK	110110CA53	Ethylene, drilled by Stan, FTIR analysis 9/13/11 - SW	H061	8.0	9/13/2011
845095	005903633JJK	110110CA56	Methyl Chloride, drilled by Stan, FTIR analysis 9/13/11 - SW	H040	9.0	9/13/2011
845096	005903633JJK	102810CA12	Nitrogen Dioxide (nitric oxide, nitrous oxide, and nitrogen dioxide peaks detected), light orange-red tint in cell,+OX, sodium nitrate deposited on cell window, pressure @ 0 psig @ 17C, unable to detect if liquid in cyl. , FTIR analysis 2/22/11 - SW	H071	3.0	5/17/2011
845097	005903633JJK	110110CA64		H039	80.0	8/22/2011
845098	005903633JJK	102710CA40		H111	4.0	10/19/2011
845099	005903633JJK	102810CA43	Ethylene Oxide, FTIR analysis, 2/22/11 - SW	H040	2.0	4/8/2011
845100	005903633JJK	110110CA63		H132	100.0	6/20/2011
845101	005903633JJK	102910CA15	Silane, FTIR analysis 8/3/11 - SW	H132	3.0	8/3/2011
845102	005903633JJK	102810CA44	Sulfur tetrafluoride/ thionyl fluoride, FTIR analysis 8/9/11 - SW	H121	4.0	9/27/2011
845103	005903633JJK	110110CA06	Thionyl Fluoride, FTIR analysis 7/27/11 - SW	H111	2.0	9/26/2011
845104	005903633JJK	102910CA14		H040	1.0	12/27/2010
845105	005903633JJK	102910CA43		H040	1.0	7/7/2011
845106	005903633JJK	110110CA23	Empty, no liquid or pressure, vinyl bromide not deteted on FTIR scan, N2 added to get sample, FTIR analysis 8/2/11 - SW	H039	4.0	8/2/2011
845107	005903633JJK	113010CA01		H039	28.0	12/7/2010
845108	005903633JJK	113010CA02		H039	28.0	12/7/2010
845109	005903633JJK	113010CA03	No pressure with liquid, Nothing detected by FTIR scan, PRTC, FTIR analysis 3/21/11 - SW	H039	28.0	3/21/2011
845110	005903633JJK	113010CA04		H039	29.0	12/7/2010
845111	005903633JJK	113010CA05		H039	29.0	12/7/2010
845112	005903633JJK	113010CA06		H039	29.0	12/7/2010
845113	005903633JJK	113010CA07		H039	29.0	12/8/2010
845484	005903634JJK	102810CA19	Acrolein, Carbon Monoxide, methane and aliphatic hydrocarbons detected, FTIR analysis 2/17/11 - SW	H141	3.0	9/1/2011
845485	005903634JJK	110110CA25	Empty, no liquid or pressure, Acrolein not detected, trace methyl chloride detected in initial scan, FTIR analysis 7/26/11 - SW	H039	3.0	7/26/2011
845486	005903634JJK	102710CA16	Hydrogen Bromide, FTIR analysis 11/02/11 - SW	H111	4.0	11/3/2011

MANAGEMENT METHOD CODES

Management Method codes describe the type of hazardous waste management system used to treat or dispose a hazardous waste. The Final Management Method AT THIS SITE (on GM Section 4, the final management at the facility the waste was shipped to).

	Reclamation and Recovery
H010	Metals recovery including retorting, smelting, chemical, etc.
H020	Solvents recovery (distillation, extraction, etc)
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)
H050	Energy recovery at this site – use as fuel (includes on-site fuel blending before fuel burning at this site – report both as one H050 method) [This site burns the waste as a fuel substitute, usually a cement kiln.]
H061	Fuel blending prior to energy recovery at another site [This means this site did not burn the waste as a fuel substitute, but blended it to specification for burning at a different site.]
	Destruction or Treatment (Prior to Disposal of Residuals at Another Site)
H040	Incineration – thermal destruction other than use as a fuel (included preparation prior to burning) [This means the site is a commercial hazardous waste incinerator. DO NOT USE this code if the waste is blended or burned as a fuel substitute.]
H071	Chemical reduction with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H073	Cyanide destruction with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H075	Chemical oxidation (includes any preparation or final processes for consolidation of residuals)
H076	Wet air oxidation (includes any preparation or final processes for consolidation of residuals)
H077	Other chemical precipitation with or without pre-treatment (includes any preparation or final processes for consolidation of residuals)
H081	Biological treatment with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H082	Adsorption (as the major component of treatment)
H083	Air or steam stripping (as the major component of treatment)
H101	Sludge treatment and/or dewatering (as the major component of treatment – not H071-H083)
H103	Absorption (as the major component of treatment – not H071-H083)
H111	Stabilization or chemical fixation prior to disposal at another site (as the major component of treatment – not H071-H083)
H112	Macro-encapsulation prior to disposal at another site (as major component of treatment – not H071-H083)
H121	Neutralization only (NO other treatment)
H122	Evaporation (as the major component of treatment – not H071-H083)
H123	Settling or clarification (as the major component of treatment – not H071-H083)
H124	Phase separation (as the major component of treatment – not H071-H083)
H129	Other treatment (specify in comments – not described by any other code)
	Disposal
H131	Land treatment or application (includes any treatment and/or stabilization prior to disposal at this facility)
H132	Landfill or surface impoundment that will be closed as landfill (to include any treatment and/or stabilization at this facility)
H134	Deepwell or underground injection (with or without treatment)
H135	Discharge to sewer/POTW or NPDES (with prior storage regulated by RCRA – with or without treatment)
	Storage and Transfer
H141	Storage, bulking, and/or transfer off site – no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site [Do not use in the on-site section of Form GM.] Linked to source code G61 on Form GM.
	On-Site Storage - for Use <u>Only</u> In Section 3 of Form GM
H142	Waste stored at Year End and for more than 90 days that was generated this reporting year
H143	Waste stored at Year End that was generated prior to this reporting year

SET Environmental, Inc

GAS CYLINDER PROPOSAL FOR
Environmental Quality Management
Project for Cadle Auto
Jeff Rhinefield
November 15, 2010

Scope of Work: SET Environmental to send a cylinder specialist and driver to pick-up and pack the cylinders listed below and properly treat and dispose of them. Testing will be done on all unknown cylinders at our labs in Houston, Texas to determine contents, **there will not be any testing done on-site.** Pricing below reflects costs for all disposal, services, equipment and transportation.

Size	Rate	Field ID	Suspected Contents
lecture	$100.00	102710CA001	Ammonia
lecture	$100.00	102710CA002	Ammonia, Anhydrous
lecture	$100.00	102710CA003	Sulphur Hexafluoride
lecture	$100.00	102710CA004	Unknown Suspected: Boron Trichloride
lecture	$525.00	1027 10CA005	Trimethyl Aluminum
lecture	$325.00	102710CA006	Trifluoroacetyl Fluoride
lecture	$525.00	102710CA007	Triethyl Aluminum
lecture	$525.00	102710CA008	Tri Isobutlyl Aluminum
Small	$175.00	1027 10CA009	Ammonia, Anhydrous
Grill	$1,000.00	102710CA010	Triethylborane

Small	$795.00	102710CA01 1	Unknown Suspected: Diethyl Aluminum Hydride
lecture	$525.00	102710CA012	Diethyl Zinc
Small	$795.00	102710CA013	Trimethyl Aluminum
lecture	$525.00	102710CA014	Di Isobutyl Aluminum Hydride
lecture	$525.00	102710CA015	Triethyl Aluminum
lecture	$900.00	102710CA016	Unknown Suspected: Bromine Pentafluoride
lecture	$525.00	102710CA017	Triethyl Aluminum
lecture	$100.00	102710CA018	Corrosive Liquid
lecture	$525.00	102710CA019	Tetraethyltin
lecture	$525.00	1027 10CA020	Di Isobutyl Aluminum Hydride
lecture	$1,000.00	102710CA021	Unknown
lecture	$300.00	102710CA022	Vanadium (V) Trichloride Oxide
small	$175.00	1027 10CA023	Unknown Suspected: Ammonia
medium	$1,500.00	1027 10CA024	Tri Isobutyl Aluminum
lecture	$1,000.00	1027 10CA025	Unknown

lecture	$525.00	1027 10CA026	Unknown Suspected: Triethyl Borane
lecture	$100.00	1027 10CA027	Unknown Suspected: Chlorine
lecture	$525.00	1027 10CA028	Unknown Suspected: Triethyl Borane
lecture	$100.00	102710CA029	Unknown Suspected: Ammonia
lecture	$525.00	102710CA030	Unknown Suspected: Triethyl Borane
lecture	$100.00	102710CA031	Vanadium Oxytrichloride
lecture	$100.00	102710CA032	Unknown Suspected: Boron Trichloride
lecture	$1,000.00	102710CA033	Unknown
lecture	$525.00	1027 10CA034	Unknown Suspected: Fluoromethyl Sulfide Compound
lecture	$100.00	102710CA035	Unknown Suspected: Ammonia
lecture	$1,000.00	102710CA036	Unknown
small	$1,500.00	102710CA037	Unknown
lecture	$140.00	102710CA038	Unknown Suspected: 1,3- Butadiene
small	$1,500.00	102710CA039	Unknown
small	$600.00	1027 10CA040	Perchloryl Fluoride
small		102710CA041	Unknown

	$1,500.00		
lecture	$1,000.00	1027 10CA042	Unknown
small	$1,300.00	1027 10CA043	Unknown Suspected: Fluorine (HW)
lecture	$1,000.00	102710CA044	Unknown
small	$1,500.00	1027 10CA045	Unknown
lecture	$1,000.00	102710CA046	Unknown
lecture	$1,000.00	1027 10CA047	Unknown
lecture	$1,000.00	1027 10CA048	Unknown
small	$1,500.00	1027 10CA049	Unknown
lecture	$750.00	1027 10CA050	Unknown Suspected: Chloropentafluoroethane
small	$400.00	102710CA051	Trifluoroethylene
lecture	$1,000.00	102710CA052	Unknown
lecture	$100.00	1027 10CA053	Unknown Suspected: Ammonia & Methylamine
lecture	$1,000.00	102710CA054	Unknown
lecture	$1,000.00	102710CA055	Unknown
lecture	$1,000.00	102710CA056	Unknown

lecture	$1,000.00	102710CA057	Unknown
lecture	$1,000.00	102710CA058	Unknown
lecture	$100.00	102710CA059	Unknown Suspected: Hydrogen Chloride
lecture	$1,000.00	1027 10CA060	Unknown
lecture	$1,000.00	102710CA061	Unknown
lecture	$525.00	102810CA001	Unknown Suspected: Pyrophoric Liquid
lecture	$1,000.00	1028 10CA002	Unknown
lecture	$525.00	1028 10CA003	Unknown Suspected: Hydrogen Selenide
lecture	$525.00	1028 10CA004	Unknown Suspected: Nitrosyl Chloride (SET- either Nitric Oxide or Nitrogen Dioxide)
lecture	$100.00	102810CA005	Unknown Suspected: Hydrogen Chloride
lecture	$1,000.00	102810CA006	Unknown CF3 SAg
small	$1,000.00	102810CA007	Unknown
lecture	$525.00	1020 10CA008	Tri Isobutyl Aluminum
small	$1,500.00	102810CA009	Unknown
lecture	$140.00	102810CA010	Unknown Suspected: Dimethyl Ethene
lecture	$1,000.00	102810CA011	Unknown

lecture	$575.00	102810CA012	Unknown Suspected: Nitirc Oxide/Nitrous Oxide (Change ou brass outlet cap to SS cap)
lecture	$1,000.00	102810CA013	Unknown
lecture	$100.00	102810CA014	Unknown Suspected: Chlorine Gas
lecture	$1,000.00	102810CA015	Unknown
lecture	$100.00	102810CA016	Unknown Suspected: Boron Trichloride
lecture	$1,000.00	102810CA017	Unknown
lecture	$100.00	1028 10CA018	Unknown Suspected: Dimethylamine
lecture	$525.00	1028 10CA019	Unknown Suspected: Acrolein w/Nitrogen and Helium
lecture	$1,000.00	102810CA020	Unknown
lecture	$300.00	102810CA021	Vanadium Tetrachloride 90%
lecture	$300.00	1028 10CA022	Vanadium Tetrachloride
lecture	$300.00	1028 10CA023	Vanadium Tetrachloride
lecture	$300.00	102810CA024	Unknown Suspected: Vanadium Tetrachloride
lecture	$300.00	1028 10CA025	Unknown Suspected: Hydrogen & Diborane
lecture	$1,000.00	102810CA026	Change to Suspect 2.3 (8) can not be Ammonia: Valve appears to be other than stainless or carbon steel. Monel Packing nut & ASB/Monel outlet cap
		102810CA027	Vanadium Oxytrichloride

lecture	$300.00		
lecture	$1,000.00	1028 10CA028	Unknown
lecture	$1,000.00	102810CA029	Unknown
lecture	$300.00	102810CA030	Unknown Suspected: Vanadium Trichloride
lecture	$1,000.00	102810CA031	Unknown
lecture	$300.00	1028 10CA032	Hexafluoroacetone
lecture	$1,000.00	102810CA033	Unknown
lecture	$110.00	102810CA034	Unknown Suspected: Isobutane
small	$1,500.00	102810CA035	Unknown
small	$500.00	102810CA036	Dodecyl Mercaptan
small	$175.00	102810CA037	Ammonia, Anhydrous
small	$200.00	102810CA038	Unknown Suspected: Flammable Gas
lecture	$525.00	102810CA039	Unknown Suspected: Pyrophoric
small	$500.00	102810CA040	Dodecyl Mercaptan
medium	$1,850.00	102810CA041	Unknown
small	$1,500.00	102810CA042	Unknown
lecture	$575.00	102810CA043	**Unknown** **Suspected: Phosgene**

lecture	$575.00	1028 10CA044	Unknown Susected: Sulfur pl Tetrafluoride
lecture	$575.00	1028 10CA045	Trichlorosilane
small	$1,500.00	1028 10CA046	Unknown
lecture	$575.00	1028 10CA047	Unknown Suspected: Vinyl Silane
small	$1,500.00	102810CA048	Unknown
small	$1,500.00	102810CA049	Unknown
lecture	$100.00	102810CA050	Unknown Suspected: Ammonia
lecture	$300.00	102810CA051	Hexafluoroacetone
small	$1,500.00	102810CA052	Unknown
small	$1,500.00	102810CA053	Unknown
small	$1,500.00	102810CA054	Unknown
small	$1,500.00	102810CA055	Unknown
lecture	$525.00	102810CA056	Unknown Suspected: 1,2,1,2 Tetrafluoroethylene sulfonyl fluoride
small	$575.00	1028 10CA057	Unknown Suspected: Trichlorosilane (HW)
small	$1,500.00	1028 10CA058	Unknown
small	$790.00	1028 10CA059	Unknown Suspected: Trichlorosilane (HW)

medium	$1,200.00	102810CA060	Unknown Suspected: Triethyl Borane
medium	$1,200.00	1029 10CA001	Triethyl Aluminum
lecture	$100.00	102910CA002	Unknown Suspected: Ammonia
lecture	$525.00	102910CA003	Unknown Suspected: Dimethyl Aluminum Hydride
lecture	$525.00	102910CA004	Diethyl Aluminum Chloride
medium	$1,200.00	1029 10CA005	Triethyl Aluminum
small	$1,500.00	102910CA006	Unknown
lecture	$525.00	1029 10CA007	Triethyl Aluminum
lecture	$1,000.00	1029 10CA008	Unknown
lecture	$525.00	1029 10CA009	Unknown Suspected: Methyl Magnesium Chloride in THF
small	$1,500.00	102910CA010	Unknown
lecture	$625.00	102910CA011	Dimethyl Cadmium (HW)
lecture	$625.00	1029 10CA012	Unknown Suspected: Trifluoroethyl Fluoride
lecture	$150.00	1029 10CA013	Unknown Suspected: Pyrethin and Freon 12
lecture	$300.00	1029 10CA014	Trifluoroacetyl Chloride
lecture	$575.00	1029 10CA015	Unknown Suspected: Silane
lecture	$450.00	1029 10CA016	Unknown Suspected: Chloropierin and Methyl Bromide

small	$600.00	102910CA017	Unknown Suspected: Pesticide
lecture	$500.00	102910CA018	Unknown Suspected: Parthion in Acetone w/Chloromethane
small	$1,500.00	1029 10CA019	Unknown Suspected: Solution of Chlorine in Bromine
small	$1,500.00	1029 10CA020	Unknown
lecture	$500.00	102910CA021	Unknown Suspected: Chloropierin and Methyl Bromide
meduim	$2,000.00	102910CA022	Fluorine
small	$1,500.00	1029 10CA023	Unknown
medium	$575.00	102910CA024	Freon 116
small	$200.00	102910CA025	Unknown Suspected: Chloromethane
medium	$1,875.00	102910CA026	Unknown
lecture	$55.00	102910CA027	Unknown Suspected: Nitrogen and Oxygen
Small	$140.00	102910CA028	Unknown Suspected: Molybdenum Hexafluoride
Small	$100.00	102910CA029	Chlorine
4.31" x 13.5"	$925.00	102910CA030	Flammable Gas Per Dean - Bromine Chloride, ev though this has a 2.1 diamond label on it
4.29" x 14"		102910CA031	Unknown Suspected: Propane, Hydrogen Sulfide, Carbon

	$300.00		Dioxide, Methane
2" x 12.9"	$1,000.00	102910CA032	Unknown
medium	$200.00	102910CA033	Unknown Suspected: Non- Flammable Gas
medium	$1,875.00	102910CA034	Unknown Suspected: Toxic Gas
small	$1,500.00	102910CA035	Unknown
lecture	$140.00	102910CA036	Unknown Suspected: Hydrogen Methane
lecture	$1,200.00	102910CA037	Unknown Money Cylinder with Monel Valve) Suspected: Ar/Cr02I2 (HW)
medium	$1,875.00	102910CA038	Unknown
lecture	$110.00	102910CA039	Isobutane
lecture	$1,200.00	1029 10CA040	Unknown (Monel cylinder with Monel valve)
lecture	$525.00	102910CA041	Unknown Suspected: Methanethiol/Dimethyl Sulfide
medium	$2,000.00	1029 10CA042	Fluorine
lecture	$100.00	102910CA043	Trimethylamine, Anhydrous
lecture	$525.00	1029 10CA044	Hydrogen Sulfide
lecture	$110.00	102910CA045	1-Bromo-1,1- Difluoropropene-2
lecture	$500.00	1101 10CA001	Unknown Suspected: Pyrophoric
lecture	$300.00	1101110CA00 2	**Unknown** **Suspected: Hydrogen Bromide**
medium		110110CA003	Unknown

	$1,875.00		
lecture	$925.00	1101 10CA004	Unknown Suspected: Chlorine Trifluoride
lecture	$525.00	1101110CA005	Unknown Suspected: Pyrophoric TMA
lecture	$575.00	1101110CA006	Unknown Suspected: Sulfur Tetrafluoride
small	$1,500.00	110110CA007	Unknown
lecture	$100.00	110110CA008	Unknown Suspected: Chlorine
small	$1,500.00	110110CA009	Unknown
lecture	$300.00	1101 10CA010	**Unknown** **Suspected: Hydrogen Bromide**
lecture	$525.00	1101 10CA01 1	Unknown Suspected: Pyrophoric Aluminum Alkyls
lecture	$1,000.00	110110CA012	Unknown
lecture	$1,000.00	110111CA013	**Unknown NEED LECTURE OP**
small	$150.00	1101110CA01 4	Sulfur Hexafluoride
lecture	$1,000.00	110110CA015	**Unknown NEED ANY SALVAGE VESSEL**
lecture	$1,000.00	110110CA016	Unknown
small	$1,500.00	110110CA017	Unknown
small	$1,500.00	110110CA018	Unknown
small	$1,500.00	110110CA019	Unknown
lecture	$300.00	110110CA020	Trifluoromethane Sulfonyl Chloride
2".38" x 24.75"	$2,000.00	110110CA021	Unknown

lecture	$1,000.00	110110CA022	Unknown
lecture	$575.00	1101 10CA023	Unknown Suspected: Vinyl Bromide
lecture	$1,000.00	110110CA024	Unknown
lecture	$925.00	1101 10CA025	Unknown Suspected: Acrolein
lecture	$1,000.00	110110CA026	Unknown
lecture	$1,000.00	1101 10CA027	Unknown
lecture	$300.00	1101 10CA028	Vanadium Tetrachloride
small	$1,500.00	110110CA029	Unknown
lecture	$1,000.00	110110CA030	Unknown
lecture	$300.00	1101 10CA03 1	Vanadium Tetrachloride
lecture	$1,000.00	110110CA032	Unknown
lecture	$300.00	1101 10CA033	Vanadium Oxy Trichloride
lecture	$100.00	1101 10CA034	Sulfer Dioxide
medium	$2,200.00	110110CA035	Unknown
lecture	$100.00	1101 10CA036	Sulfer Dioxide
lecture	$300.00	1101 10CA037	Vanadium Tetrachloride
lecture	$1,000.00	110110CA038	Unknown
lecture	$100.00	1101 10CA039	Sulfer Dioxide, anhydrous

lecture	$140.00	1101 10CA040	Unknown flammable gas
medium	$2,200.00	110110CA041	Unknown
lecture	$1,000.00	1101 10CA042	Unknown
small	$140.00	110110CA043	Chloromethane
lecture	$140.00	110110CA044	Hydrogen Iodide
spud	$125.00	1101 10CA045	Dichlorodifluoromethane
lecture	$100.00	110110CA046	Chloromethane
small	$150.00	1101 10CA047	Chloromethane
55gallon	$1,500.00	110110CA048	Mercury
small	$300.00	110110CA049	Hydrofluoric Acid, anhydrous
medium	$2,200.00	1101 10CA050	Unknowns
medium	$425.00	1101 10CA051	Chlorine, high purity
large	$600.00	1101 10CA052	Chlorine
small	$300.00	110110CA053	Chloromethane
large	$600.00	1101 10CA054	Chlorine
medium		110110CA055	Acetylene

	$100.00		
small	$300.00	110110CA056	Chloromethane
lecture	$100.00	1101 10CA071	Hydrogen Chloride
lecture	$1,000.00	1101 10DA072	Unknown
lecture	$100.00	1101 10CA073	Chlorine
lecture	$100.00	1101 10CA074	**Chlorine gas NON_DOT**
lecture	$100.00	1101 10CA075	**Hydrogen Chloride NON DOT**
small	$300.00	111 1A 0 0C 076	Vanadium Oxy Trichloride
lecture	$100.00	110110CA077	**Hydrogen Chloride NON DOT**
small	$1,500.00	1101 10CA078	**Unknown NON DOT**
lecture	$300.00	1101 10CA079	Vanadium Oxy Trichloride

Total cost summary for project:

Disposal	$170,120.00
Confirmation Fees (74)	$9,250.00
Inoperable Valve (50)	$5,000.00
Mobilization	$1,000.00
Cylinder Specialist	$1,750.00
Cylinder Technician	$950.00
Per Diem	$575.00
Salvage Vessels	
LP (6)	$400.00
Lecture packs (4)	$2,000.00
Transportation	$2,900.00
Transportation	$850.00
Supplies	$300.00
Subtotal	$195,095.00
Recovery 7%	$13,656.65
State Waste Fee	$200.00
Estimated Total	**$208,951.65**